

HISTORIC AMERICAN ENGINEERING RECORD
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HAER
NH,
3-WALP.V,
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Walpole, NH-Westminster, VT Bridge
(Walpole Village Bridge)
Spanning the Connecticut River between Hew Hampshire
and Vermont--NH Route 123
Walpole, NH--Westminster, VT
Cheshire County, NH - Windham County, VT

HAER No. NH-13

Photographer: Ernest Gould, Hooksett, N.H., for Closs Planners Inc. May, 1988.

- NH-13-1 View south. North elevation - Walpole span, link span, and Westminster span.
- NH-13-2 View northeast. South elevation - Westminster span, link span, Walpole span.
- NH-13-3 View west. North elevation - Walpole span in foreground, link span; Westminster span in background.
- NH-13-4 View northwest. South elevation - Walpole span, link span, and Westminster span. Structure on east pier is stream level gauge station.
- NH-13-5 View southwest. North elevation - west pier, upstream side.
- NH-13-6 View south. North elevation - upstream face of east pier; details of pier bearing and cantilevered link space hinge (center right).
- NH-13-7 View west. East pier and underside of Walpole span, showing deck beams, stringers, and wind bracing rods. Structure on pier is a stream level gauge station.
- NH-13-8 View east. East abutment, showing bearings on concrete pads, drainage pipes for approach, and scupper downspouts.
- NH-13-9 View southwest. Typical bearing detail (northwest corner, Walpole span) showing slip plate and bolted anchorage.
- NH-13-10 View northwest. Typical panel detail (south chord) of variable section girder showing riveted connections, angle stiffeners for girder web, and nuts securing wind bracing rods.
- NH-13-11 View west. East (Walpole, N.H.) approach; Westminster, Vt. across Connecticut River.

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- NH-13-12 View east. West (Westminster, Vt.) approach; Walpole, N.H. across Connecticut River. Site and ruins of Walpole railroad station is on right side of photo, far bank.
- NH-13-13 View west. Bridge manufacturer's plate; at east end of Walpole span, south chord - "Walsh's Holyoke Steam Boiler Works Holyoke, Mass. Builders".
- NH-13-14 View northeast. Detail of typical fish plating, riveted to top flange at center of each span. Same detail is found at center of both lower chords.
- NH-13-15 View north. Detail of west end of link span, north chord, showing expansion joint and typical scupper inside of plate, girder web.
- NH-13-16 Photocopy of photograph of construction of Walpole-Westminster bridge during October/November, 1910; postcard/photograph from Walpole Historical Society scrapbook collection. View east: Westminster span during erection, 1910.
- NH-13-17 Photocopy of photograph of completed Walpole-Westminster bridge; postcard/photograph from Walpole Historical Society (Walpole, N.H.) scrapbook collection. View south: north elevation, c. summer 1911.
- NH-13-18 Photocopy of photograph of Walpole-Westminster bridge at high water during flood of November, 1927; photograph from Walpole Historical Society scrapbook collection. View west: Walpole approach (railroad station and store) and Connecticut River at flood stage, November, 1927.
- NH-13-19 Photocopy of original drawing for "Bridge over Connecticut River between Walpole, N.H. and Westminster, Vt." by J. R. Worcester & Co. Consulting Engineers, 79 Milk Street, Boston. (Filed with N.H. Department of Transportation, Bridge Design Division plan archives, Concord, N.H.)

Sheet: Survey
August 17, 1910

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- NH-13-20 As above.
Sheet: Elevations of girder spans; cross section at center; plan of wind bracing
July 6, 1910
- NH-13-21 As above.
Sheet: Abutments
July 26, 1910
- NH-13-22 As above.
Sheet: Details
July 6, 1910
- NH-13-23 Photocopy of 1933 reconstruction drawing for "Bridge over Connecticut River between Walpole, N.H. and Westminster, Vt.", (Filed with N.H. Department of Transportation, Bridge Design Division plan archives, Concord, N.H.)
Sheet: Proposed Floor, System
October 6, 1933
- NH-13-24 Photocopy of 1936 repair drawing for "Walpole, N.H. - Westminster" by State of New Hampshire Highway Department. (Filed with N.H. Department of Transportation, Bridge Design Division plan archives, Concord, N.H.)
Sheet: 1 of 1
Repair and steel/concrete reinforcement details for east and west
October 21, 1936
- NH-13-25 Photocopy of 1959 drawing for "Walpole-Westminster Bridge Over: Connecticut River", unattributed. (Filed with N.H. Department of Transportation, Bridge Design Division plan archives, Concord, N.H.)
Sheet: Westminster Abutment
January 22, 1959

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- NH-13-26 Photocopy of 1968 repair drawing for "Walpole-Westminster Bridge Over: Connecticut River", unattributed. (Filed with N.H. Department of Transportation, Bridge Design Division plan archives, Concord, N.H.)
- Sheet: Deck and Expansion Joint Details
June 13, 1968
- NH-13-27 Photocopy of 1968 repair drawing for "VT. Route #123 over Conn. River" by State of Vermont Department of Highways. (Filed with N.H. Department of Transportation, Bridge Design Division plan archives, Concord, N.H.)
- Sheet: 4 of 8
Abutment Repair Details
August, 1968